

AMENDMENTS TO THE CLAIMS

1. (Canceled).

2. (Canceled).

3. (Currently Amended) A submersible shellfish farm comprising at least one line of cables bearing spaced culture ropes, said at least one line being suspended horizontally from two end floats which support said at least one line in association with intermediate support buoys positioned in relation to said at least one line of cables to maintain said at least one line of cables in a non-catenary manner, and said at least one line is further anchored by concrete dead weights positioned at each end of the at least one line, wherein the at least one line of cables is submersible and is elevated from a sea floor while guided by vertical movement of the two end floats when the two end floats are submerged, said two end floats being submerged or raised based on inner volume of said floats being variable by filling or draining of said inner volume of water or air and said end floats being connected to a surface buoy including an air intake valve, and said two end floats are connected to the concrete dead weights by an anchoring system which is constructed and arranged to create a vertical thrust on said at least one line of cables to

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tension and maintain ~~maintains~~ tension on the at least one line of cables.

4. (Previously Presented) A submersible shellfish farm in accordance with claim 3, wherein said anchoring system comprises at least one end buoy submerged and arranged so as to use uplift thrust of said end buoy to pull at each of said end floats to which said end floats are respectively connected by means of tensioning cables and pulleys fixed to said concrete dead weights.